

Applicant: Boney A. Mathew
Serial No.: 10/603,549
Amendment dated April 18, 2005
Reply to Office Communication dated March 17 2005

IN THE SPECIFICATION:

Please replace paragraph [0017] with the following;

[0017] Referring to the Figures 1 through 6, wherein like numerals indicate like or corresponding parts throughout the several views, a method of making a part is generally shown at 10. The method 10 includes a step of placing an insert 12 having sides 14 and an open top 16 and a bottom surface 18 into a mold cavity 20 defined between plates 22, 24 of a first mold 26 followed by a step of injecting an insulating layer composition 28 through a nozzle 29 and into the mold cavity 20 of the first mold 26. The insulating layer composition 28 encapsulates the bottom surface 18 and the sides 14 of the insert 12 to form an insulating layer, generally indicated at 30, around the insert 12. The insulating layer 30 includes sides 32 and a bottom 34 to expose the open top 16 of the insert 12. The insulating layer 30 is formed of a homogeneous compressible or flexible material such as ~~expandable polymer that includes and is not limited to~~ thermoset elastomer, thermoset elastomer with filler, thermoplastic elastomer, thermoplastic elastomer with filler, rubber, compressible polymer, and compressive polymer with filler, ~~or the like~~. In the alternative embodiment of the present method 10, the step of injecting 29 the insulating layer composition 28 includes injecting of expanded homogeneous compressible or flexible material formed during expansion process. As appreciated by those skilled in the art, the expansion process, commonly known as "foaming", takes place while injecting the insulating layer 30. The expansion process requires a blowing agent such as CELOGEN HT 550™, sold by Uniroyal Chemical. Another exothermic

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blowing agent such as Activex 545™, sold by B.I. Chemicals, Inc. is also used during the expansion process.